

FIG.1

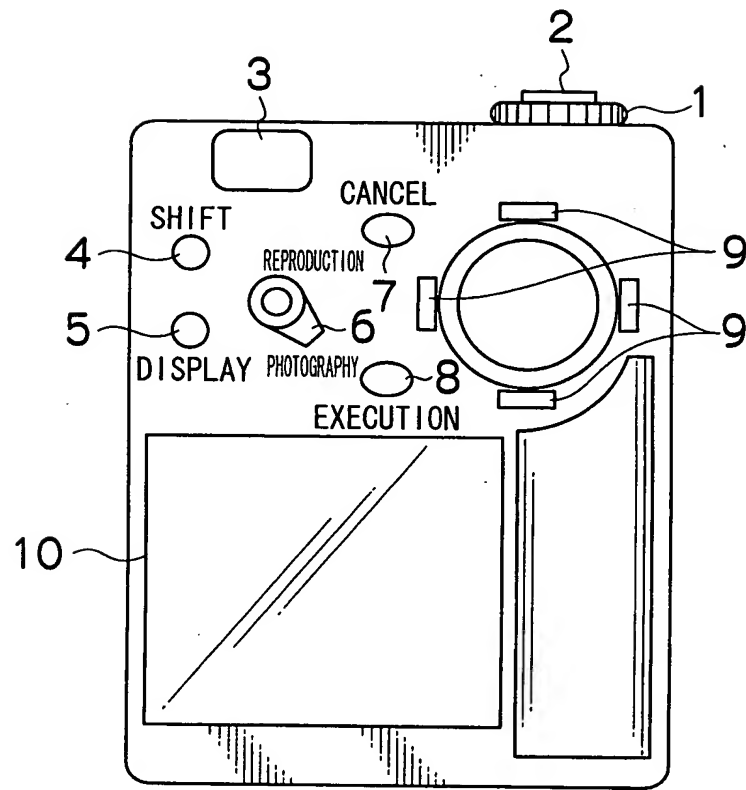


FIG.2

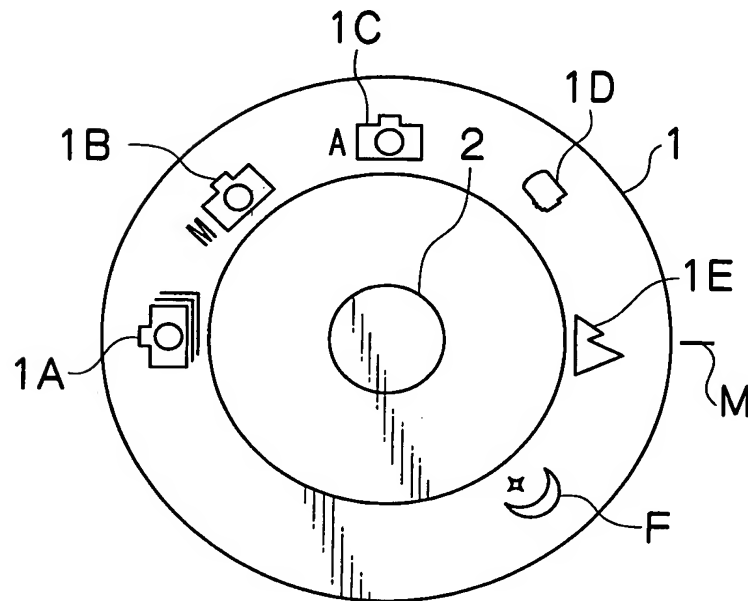


FIG.3

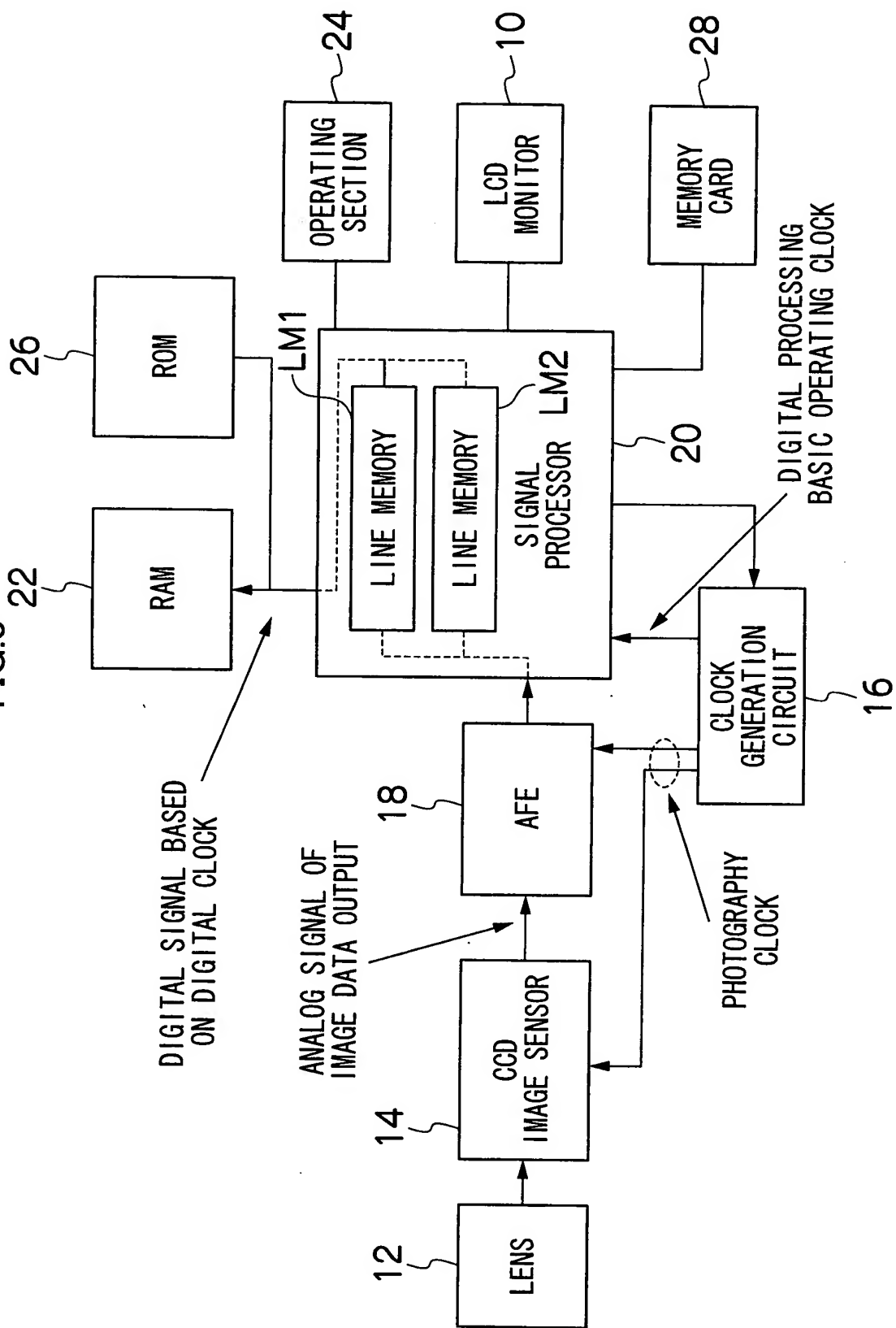


FIG.4

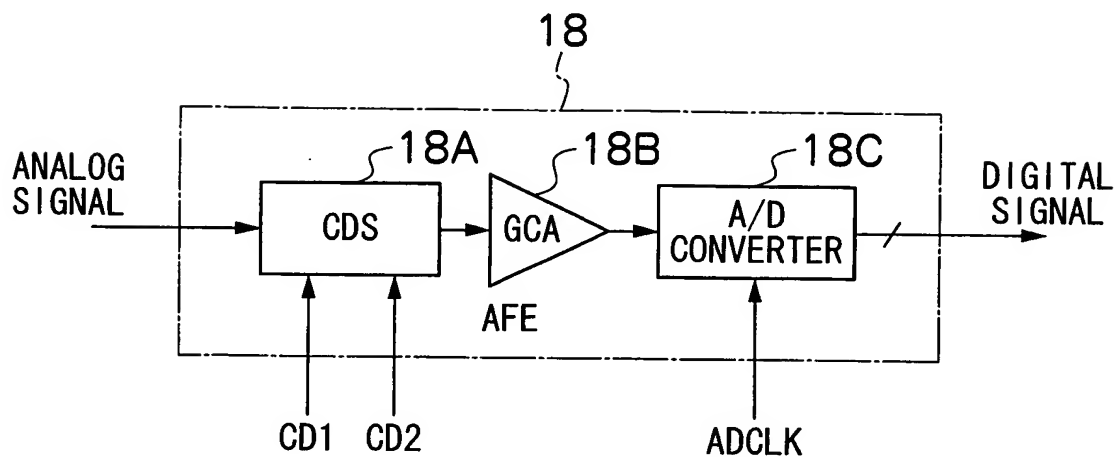
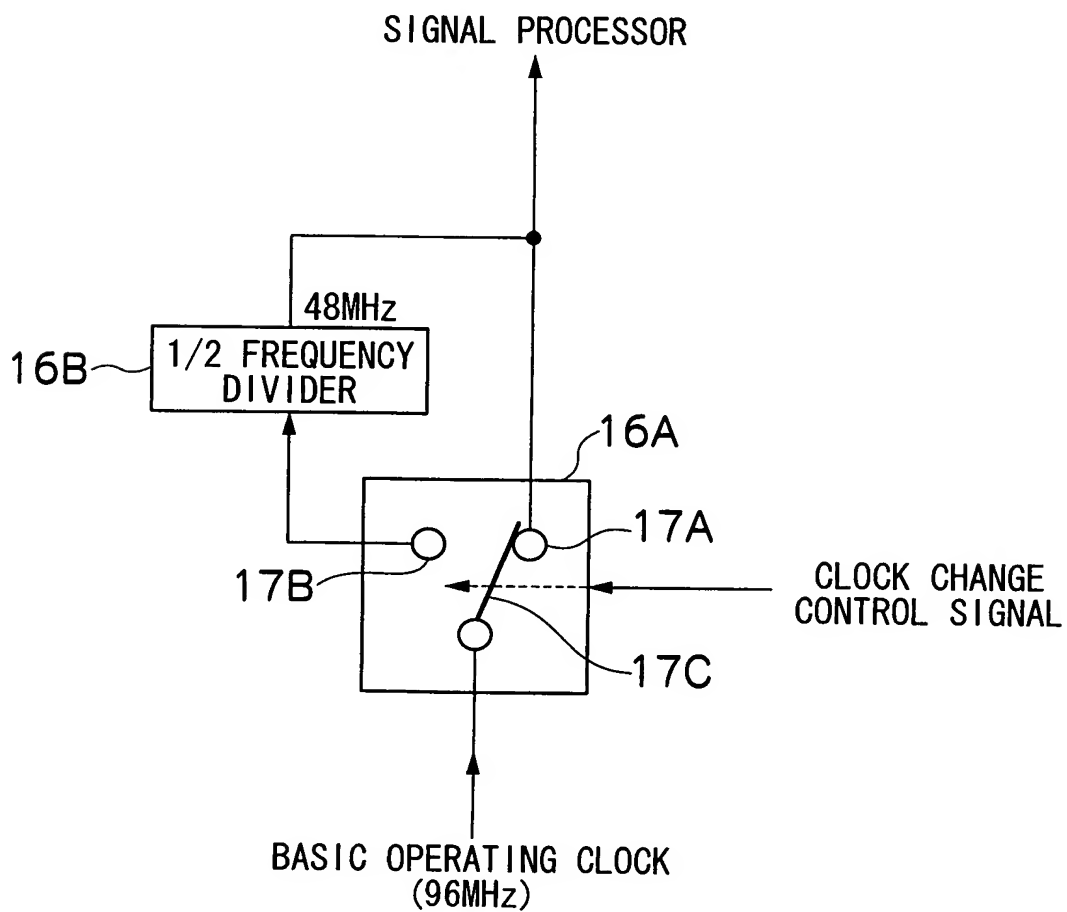
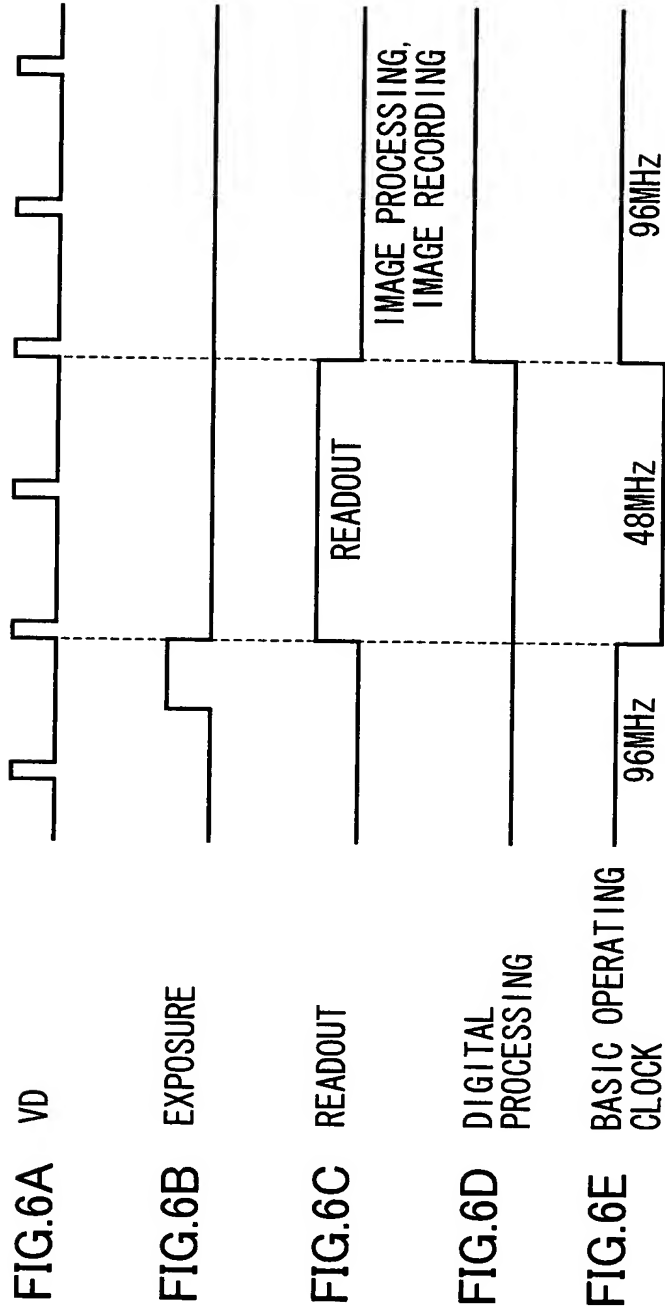


FIG.5





1H (PROCESSING FOR CAPTURE OF ONE HORIZONTAL LINE)

TRANSFER AT ONE TIME

CAPTURE OF CCD DATA DMA

CAPTURE OF CCD DATA DMA

CAPTURE OF CCD DATA DMA

CAPTURE OF CCD DATA DMA

CAPTURE OF CCD DATA

CAPTURE OF CCD DATA	DMA
CAPTURE OF CCD DATA	DMA
CAPTURE OF CCD DATA	DMA

CAPTURE OF CCD DATA	DMA	CAPTURE OF CCD DATA	DMA	CAPTURE OF CCD DATA
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**SAME TIMING WITH RESPECT
TO HORIZONTAL LINES**

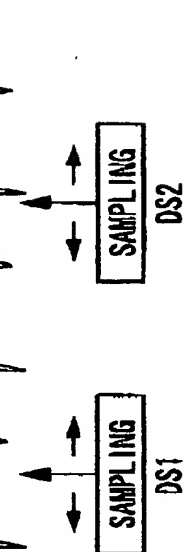
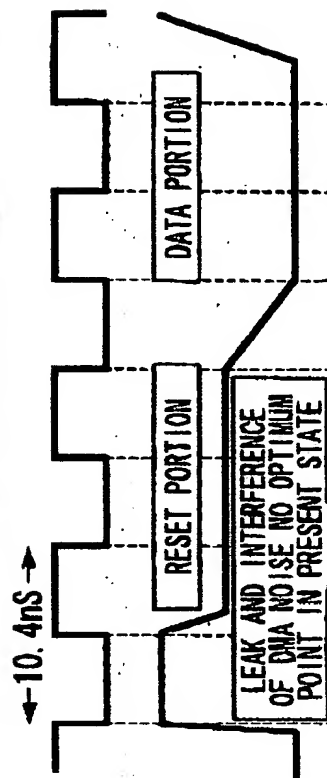
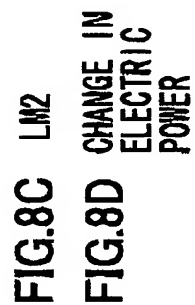
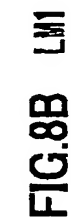
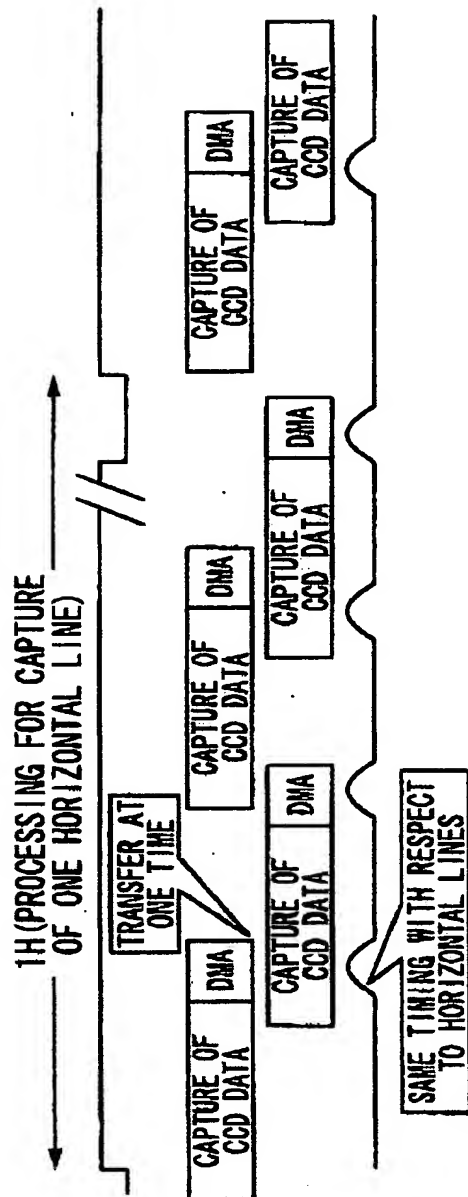


FIG.9

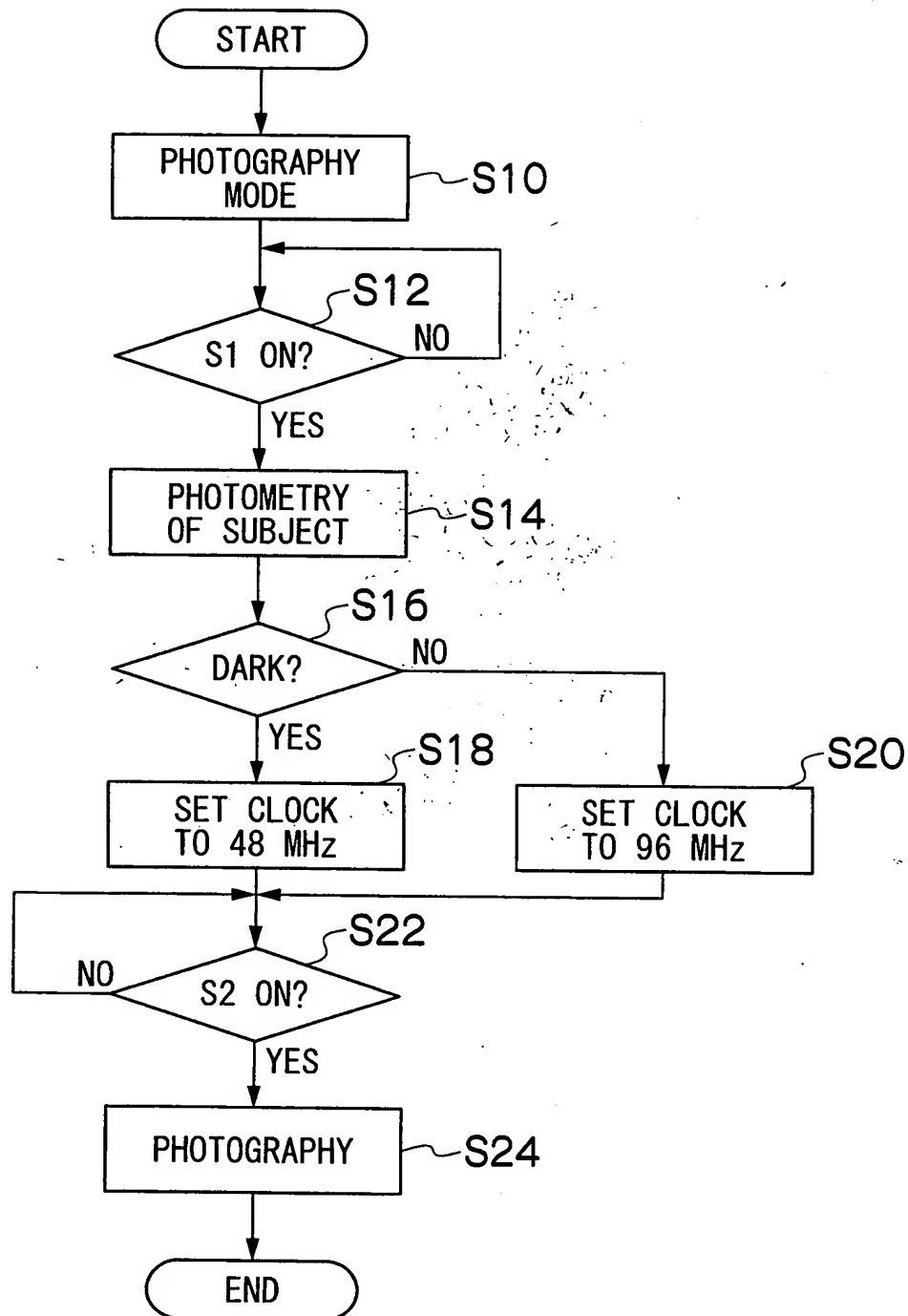


FIG.10

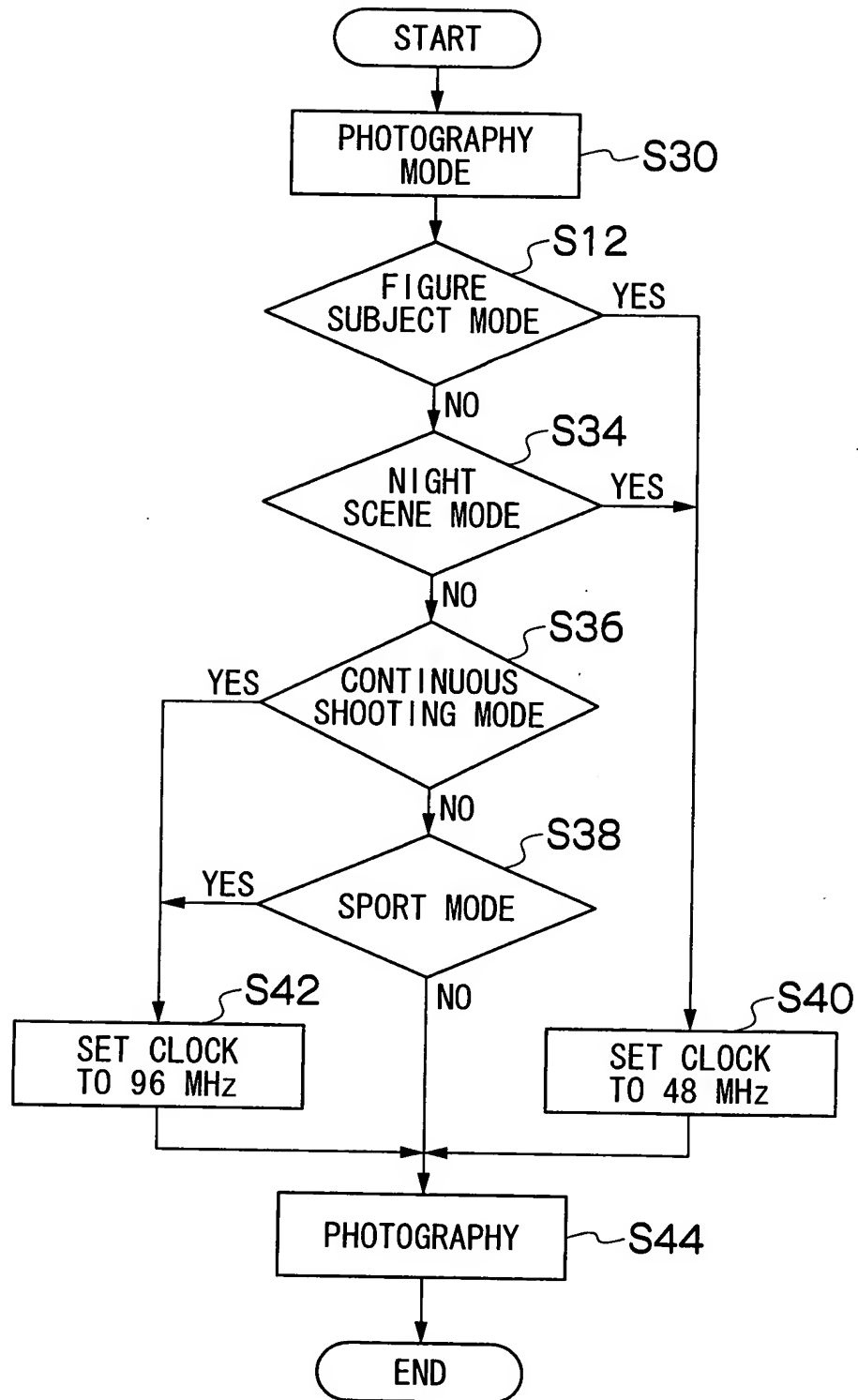


FIG.11

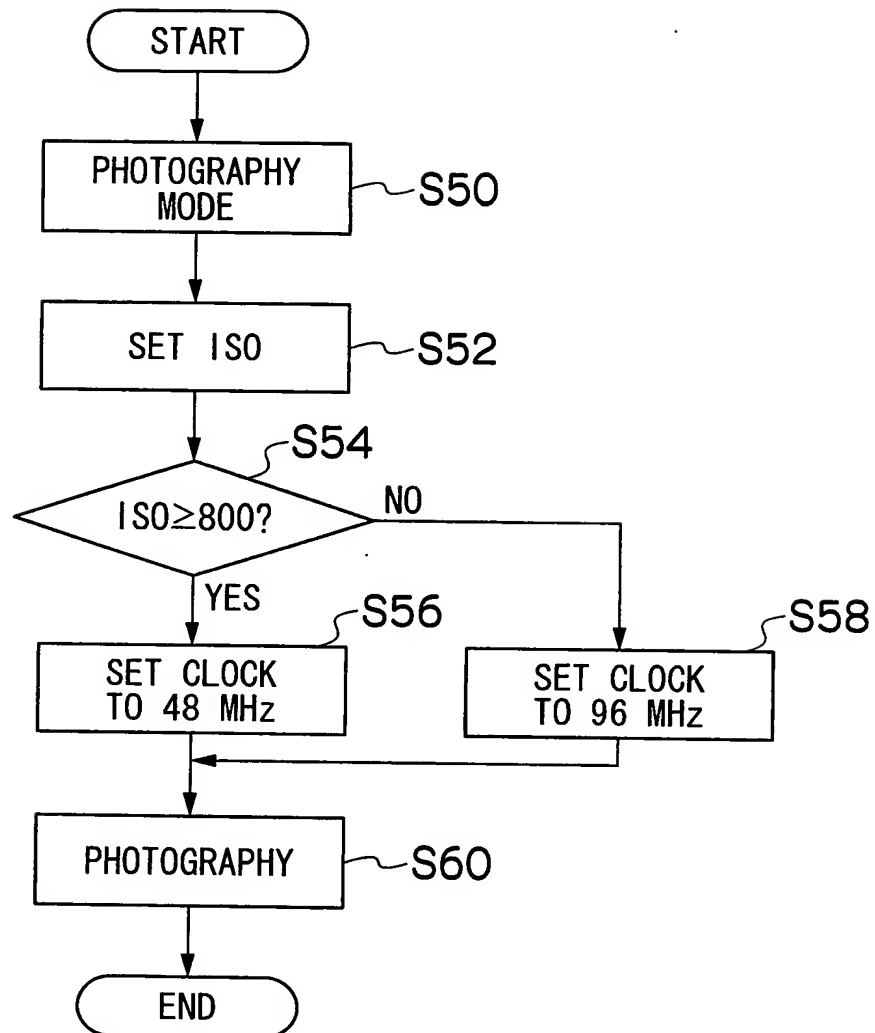


FIG.12
PRIOR ART

